What is claimed is:

1. A method for the distributed execution of tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN), comprising the steps of:

- generating a task in said PDMD;
- storing the task in said PDMD;
- establishing a link between said PDMD and said LPRN to detect a match of the task stored in PDMDs and the tasks executable by a device;
- transferring said task stored in said PDMD to a device able to execute said task, if the ability to execute a task which matches the task stored in the PDMD is detected; and
- executing said task in said device able to execute said task.

2. A method according to claim 1, wherein said link is established by said PDMD by broadcasting task related information.

3. A method according to claim 1, wherein said link is established by said devices able to execute tasks by broadcasting information related to their ability to execute tasks.

4. A method according to claim 2, wherein said task is generated

in said PDMD by transferring a task from a first device in the local range of said LPRN to said PDMD via said LPRN.

5. A method according to claim 2, further comprising the step of determining if said task stored in said PDMD is to be transferred to said device able to execute said task.

6. A method according to claim 5, wherein said determination step comprises an authentication operation between the PDMD and said device able to execute said task.

7. A method according to claim 6, wherein said authentication operation is performed by bonding.

8. A method according to claim 7, wherein at least a part of the transfers between said PDMD and the device able to execute said task are encrypted.

9. A method according to claim 2, further comprising the step of transmitting a confirmation from said device executing said task to said PDMD.

10. A method according to claim 9, wherein said confirmation comprises a result of the task.

11. A method according to claim 9, further comprising the step of:

displaying said confirmation on said PDMD.

12. A method according to claim 1, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

13. A method according to claim 2, further comprising the step of physically moving said PDMD.

14. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of anyone of claims 1, when said program is run on a personal digital mobile device, a computer or a network device.

15. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of anyone of claims 1, when said program product is run on a personal digital mobile device, a computer or network device.

16. A personal digital mobile device, comprising:

- low power radio transceiver to receive and transmit tasks from devices
- storage means to store said tasks
- displaying means, to display status information of the device

or the task

- computing means
- detection means, to detect the location of other transceivers.

17. A method according to claim 3, wherein said task is generated in said PDMD by transferring a task from a first device in the local range of said LPRN to said PDMD via said LPRN.

18. A method according to claim 3, further comprising the step of determining if said task stored in said PDMD is to be transferred to said device able to execute said task.

19. A method according to claim 4, further comprising the step of determining if said task stored in said PDMD is to be transferred to said device able to execute said task.

20. A method according to claim 3, further comprising the step of transmitting a confirmation from said device executing said task to said PDMD.

21. A method according to claim 4, further comprising the step of transmitting a confirmation from said device executing said task to said PDMD.

22. A method according to claim 5, further comprising the step

of transmitting a confirmation from said device executing said task to said PDMD.

23. A method according to claim 6, further comprising the step of transmitting a confirmation from said device executing said task to said PDMD.

24. A method according to claim 7, further comprising the step of transmitting a confirmation from said device executing said task to said PDMD.

25. A method according to claim 8, further comprising the step of transmitting a confirmation from said device executing said task to said PDMD.

26. A method according to claim 10, further comprising the step of:

displaying said confirmation on said PDMD.

27. A method according to claim 2, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

28. A method according to claim 3, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

29. A method according to claim 4, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

30. A method according to claim 5, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

31. A method according to claim 6, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

32. A method according to claim 7, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

33. A method according to claim 8, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

34. A method according to claim 9, further comprising the steps of displaying status information of said device able to

execute said task, and waiting for a user input for continuing or breaking off.

35. A method according to claim 10, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

36. A method according to claim 11, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

37. A method according to claim 12, further comprising the steps of displaying status information of said device able to execute said task, and waiting for a user input for continuing or breaking off.

38. A method according to claim 3, further comprising the step of physically moving said PDMD.

39. A method according to claim 4, further comprising the step of physically moving said PDMD.

40. A method according to claim 5, further comprising the step of physically moving said PDMD.

41. A method according to claim 6, further comprising the step

of physically moving said PDMD.

42. A method according to claim 7, further comprising the step of physically moving said PDMD.

43. A method according to claim 8, further comprising the step of physically moving said PDMD.

44. A method according to claim 9, further comprising the step of physically moving said PDMD.

45. A method according to claim 10, further comprising the step of physically moving said PDMD.

46. A method according to claim 11, further comprising the step of physically moving said PDMD.

47. A method according to claim 12, further comprising the step of physically moving said PDMD.

48. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 2 when said program is run on a personal digital mobile device, a computer or a network device.

49. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio

network (LPRN) comprising program code means for carrying out the steps of claim 3 when said program is run on a personal digital mobile device, a computer or a network device.

50. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 4 when said program is run on a personal digital mobile device, a computer or a network device.

51. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 5 when said program is run on a personal digital mobile device, a computer or a network device.

52. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 6 when said program is run on a personal digital mobile device, a computer or a network device.

53. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 7 when said program is run on a personal digital mobile device, a computer or a network device.

54. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 8 when said program is run on a personal digital mobile device, a computer or a network device.

55. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 9 when said program is run on a personal digital mobile device, a computer or a network device.

56. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 10 when said program is run on a personal digital mobile device, a computer or a network device.

57. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 11 when said program is run on a personal digital mobile device, a computer or a network device.

58. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 12 when said program is run on a personal

digital mobile device, a computer or a network device.

59. A computer program for executing tasks by means of a personal digital mobile device (PDMD) in a low power radio network (LPRN) comprising program code means for carrying out the steps of claim 13 when said program is run on a personal digital mobile device, a computer or a network device.

60. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 2 when said program product is run on a personal digital mobile device, a computer or network device.

61. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 3 when said program product is run on a personal digital mobile device, a computer or network device.

62. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 4 when said program product is run on a personal digital mobile device, a computer or network device.

63. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 5 when said program product is run on a personal digital mobile device, a computer or network device.

64. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 6 when said program product is run on a personal digital mobile device, a computer or network device.

65. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 7 when said program product is run on a personal digital mobile device, a computer or network device.

66. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 8 when said program product is run on a personal digital mobile device, a computer or network device.

67. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 9 when said program product is run on a personal digital mobile device, a computer or network device.

68. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 10 when said program product is run on a personal digital mobile device, a computer or network device.

69. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 11 when said program product is run on a

personal digital mobile device, a computer or network device.

70. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 12 when said program product is run on a personal digital mobile device, a computer or network device.

71. A computer program product comprising program code means stored on a computer readable medium for carrying out the method of claim 13 when said program product is run on a personal digital mobile device, a computer or network device.